

## SYSTEMS AND METHODS OF MESSAGE QUEUING

### ABSTRACT OF THE DISCLOSURE

5 An intelligent queue may be used to facilitate communication among a set  
business application programs. In one embodiment, the intelligent queue may interact  
with a variety of business application programs providing consistent service behaviors  
across a variety of data store products. The intelligent queue provides extended message  
storage, efficient journalling, interoperability with other intelligent queues, load  
balancing, once-only processing, as well as detailed message state information that  
10 tracks the status of each message from both the sender and the recipient's perspective.

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